* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.

2.**** shows the word which can not be translated.

3.In the drawings, any words are not translated.

Bibliography

```
(19) [Country of Issue] Japan Patent Office (JP)
```

- (12) [Official Gazette Type] Open patent official report (A)
- (11) [Publication No.] JP,2002-143524,A (P2002-143524A)
- (43) [Date of Publication] May 21, Heisei 14 (2002. 5.21)
- (54) [Title of the Invention] Game machine
- (51) [The 7th edition of International Patent Classification]

A63F 7/02 334

312

316

[FI]

A63F 7/02 334

312 Z

316 D

[Request for Examination] Tamotsu

[The number of claims] 3

[Mode of Application] OL

[Number of Pages] 7

- (21) [Filing Number] Application for patent 2000-339493 (P2000-339493)
- (22) [Filing Date] November 7, Heisei 12 (2000. 11.7)
- (71) [Applicant]

[Identification Number] 591142909

[Name] Mull phone industrial incorporated company

[Address] 1-127, Momoyama-cho, Kasugai-shi, Aichi-ken

(72) [Inventor(s)]

[Name] **** History of elegant

[Address] 1-127, Momoyama, Kasugai-shi, Aichi-ken Inside of mull phone industrial incorporated company

(74) [Attorney]

[Identification Number] 100099254

[Patent Attorney]

[Name] Role Masaaki (besides one person)
[Theme code (reference)]
20088
[F term (reference)]
20088 AA17 EA32 EA38 EB15 EB55 EB74

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

- 1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

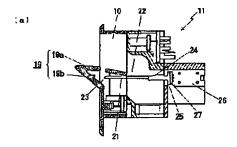
Summary

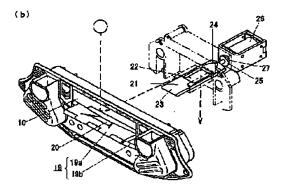
(57) [Abstract]

[Technical problem] Passage of a specific field is enabled until a game sphere passes, after passage shortens the resistance welding time of the solenoid which drives a specific field cover member in the game machine which enables passage only of a general field, and the injury on other equipments by generation of heat is avoided.

[Means for Solution] the special field cover which has the opening 22 used as a specific field in the large winning—a—prize mouth 10 interior — the retreat position which is uncoupling, arranges a member 21 and a solenoid 26, and serves as opening 22 full open by supposing un—energizing a solenoid 26 at the beginning [of large winning—a—prize ***** 19] of opening — specific field cover — a member 21 holds and the game sphere which won a prize of the large winning—a—prize mouth 10 leads to the specific field divided by opening 22 moreover, energize a solenoid 26, after a game sphere passes through a specific field, and opening 22 should be closed — the advance position it becomes impossible to pass a game sphere — specific field cover — a member 21 is moved — making — after that — immediately — a solenoid 26 — un—energizing — carrying out — specific field cover — the game sphere which was made to hold a member 21 in an advance position as it is, and won a prize of the large winning—a—prize mouth 10 — right and left — it makes lead to the general

[Translation done.]





[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

- 1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] the above-mentioned means for switching having a solenoid, and energizing this solenoid in the game machine characterized by to provide the following — the above-mentioned specific field — a game medium — passage — the game machine

2002-143524 4

characterized by to constitute so that the above-mentioned specific field may hold in a state with a game medium difficult to pass, after [this solenoid] making it shift to a state with difficult passage from an easy state and un-energizing after energization Special pattern display which indicates by halt the special pattern which the game medium started pattern change ignited by having passed through the predetermined starting field, and was decided after the predetermined time It has the special electric accessory to which opening of the large winning-a-prize mouth is carried out when the special pattern this special pattern display indicates [a pattern] by halt turns into a predetermined great success pattern. inside the large winning-a-prize mouth of the above-mentioned special electric accessory While the general field which generates the opportunity of prize medium expenditure, and the specific field which generates the operation opportunity of an accessory continuation starting device which holds this large winning-a-prize mouth in the opening state continuously in addition to prize medium expenditure are prepared until a game medium passes through the above-mentioned specific field -- the above-mentioned specific field -- a game medium -- passage -- the means for switching which hold in the easy state, and hold the predetermined period abovementioned specification field in the state with a game medium difficult to pass after a game medium passes through the above-mentioned specific field [Claim 2] the above-mentioned means for switching having a solenoid, and energizing this solenoid in the game machine characterized by to provide the following -- the above-mentioned specific field -- a game medium -- passage -- the game machine characterized by to constitute so that the above-mentioned specific field may hold in a state with a game medium difficult to pass, after [this solenoid] making it shift to a state with difficult passage from an easy state and un-energizing after energization Common pattern display which the game medium started pattern change ignited by the predetermined thing usually passed through the pattern operation gate, and was decided after the predetermined time and which usually indicates the pattern by halt Special pattern display which indicates by halt the special pattern which the game medium started pattern change ignited by having passed through the predetermined starting field, and was decided after the predetermined time The common electric accessory changed into the state where a game medium tends to pass through the above-mentioned starting field when it becomes the hit pattern usually predetermined in a pattern in which the abovementioned common pattern display indicates by halt It has the special electric accessory to which opening of the large winning-a-prize mouth is carried out when the special pattern the above-mentioned special pattern display indicates [a pattern] by halt turns into a predetermined great success pattern. inside the large winning-a-prize mouth of the above-mentioned special electric accessory While the general filld which generates the opportunity of prize medium expenditure, and the specific field which generates the operation opportunity of an accessory continuation starting device which holds this large winning-a-prize mouth in the

opening state continuously in addition to prize medium expenditure are prepared until a game medium passes through the above-mentioned specific field -- the above-mentioned specific field -- a game medium -- passage -- the means for switching which hold in the easy state, and hold the predetermined period abovementioned specification field in the state with a game medium difficult to pass after a game medium passes through the above-mentioned specific field [Claim 3] It has the special field cover member to which the above-mentioned special electric accessory can equip with the opening-and-closing member which opens and closes a large winning-a-prize mouth, and the above-mentioned means for switching can move freely between the position which carries out opening of the above-mentioned specific field, and the positions which take up this specific field. this special field cover member -- the above-mentioned opening and closing -- the position which carries out opening of the above-mentioned specific field by embarrassment operation of a member -- moving -- the above-mentioned opening and closing -- the game machine according to claim 1 or 2 characterized by constituting so that it may move to the position which takes up the abovementioned specific field by energizing the above-mentioned solenoid in the opening state of a member

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

- 1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention] [0001]

[The technical field to which invention belongs] Especially this invention has the general field which generates the opportunity of prize medium expenditure, and the specific field which generates the operation opportunity of an accessory continuation starting device which holds a large winning—a—prize mouth in the open state continuously in addition to prize medium expenditure about a game machine. until a game medium passes through a specific field — a specific field — a game

medium — passage — after it holds in the easy state and a game medium passes through a specific field, it is related with the game machine equipped with the special electric accessory which holds a predetermined period specification field in the state with a game medium difficult to pass by means for switching [0002]

[Description of the Prior Art] In the conventional game machine, for example, one—sort pachinko machine, if a game sphere usually passes through the pattern operation gate, pattern display will usually start pattern change, the common pattern which was prepared in the game face of a board and which was decided after the predetermined time is indicated by halt, the pattern which indicated by halt hits, an electric accessory usually operates that it is a pattern, and predetermined—time opening of the 1st—sort starting mouth is carried out. And if a game sphere wins a prize of the 1st—sort starting mouth, special pattern display will start pattern change, the special pattern decided after the predetermined time is indicated by halt, an electric accessory operates specially that the pattern which indicated by halt is a great success pattern, and predetermined—time opening of the large winning—a—prize mouth is carried out.

[0003] Moreover, the general field which generates the opportunity of prize medium expenditure, and the specific field which generates the operation opportunity of an accessory continuation starting device which holds a large winning-a-prize mouth in the open state continuously in addition to awarded-balls expenditure are specially established in the interior of the large winning-a-prize mouth of an electric accessory. When a halt indication of the specific pattern of the great success patterns is given The period while opening of the large winning-a-prize mouth is carried out, until a predetermined time passes or ten game spheres win a prize of a large winning-a-prize mouth in general is considered as one round. When great success continues to the highest, for example, 16 rounds, when a game sphere passes through a specific field in a round, the open state of a large winning-a-prize mouth continues and a game sphere does not pass through a specific field in a round, great success is completed at the round and it usually returns to a game state. [0004] It becomes unnecessary to pass a specific field again in such a game machine until the round will be completed, if a game sphere passes through a specific field and an accessory continuation starting device operates. Moreover, the number of the game spheres which pass through a specific field has the rule of the number of the whole numbers of winning a prize that one third must not be exceeded in general. Therefore, such a game machine has the composition that the means for switching of a solenoid drive close a specific field, or passage is changed so that the game sphere which won a prize may go to a general field, if a game sphere passes through a specific field.

[0005] And in the case of the means for switching which take up a specific field, for example, specifically, the member and solenoid which take up a specific field were connected, and the composition will embarrass a specific field by carrying out a

solenoid as an OFF (un-energizing) state, if opening of the specific field is carried out and a game sphere passes by changing a solenoid into ON (energization) state simultaneously with large winning-a-prize mouth opening.

[0006]

[Problem(s) to be Solved by the Invention] However, the member and solenoid which take up a specific field like the above—mentioned conventional means for switching are connected. With the composition in which a solenoid will be in an OFF state and will embarrass a specific field if opening of the specific field is carried out and a game sphere passes by changing a solenoid into ON state simultaneously with large winning—a—prize mouth opening Even if opening of the large winning—a—prize mouth is carried out, a solenoid will be in ON state and passage of a game sphere is attained in a specific field Adjustment of a game nail may be bad or a game sphere may not pass through a specific field forever by the abnormalities of a launcher etc. In such a case, it becomes that a solenoid is in prolonged ON state with as, and by prolonged drive, while the life of the solenoid itself is not short, the problem of damaging other equipments by generation of heat arises.

[0007] this invention is made in view of such a trouble, and it has the general field which generates the opportunity of prize medium expenditure, and the specific field which generates the operation opportunity of an accessory continuation starting device which holds a large winning—a—prize mouth in the opening state continuously in addition to prize medium expenditure. It holds in the easy state, until a game medium passes through a specific field — a specific field — a game medium — passage — In the game machine equipped with the special electric accessory which holds a predetermined period specification field in the state with a game medium difficult to pass by means for switching after a game medium passes through a specific field While the resistance welding time of the solenoid for taking up a specific field becomes long and the life of the solenoid itself becomes short by prolonged drive, it aims at enabling it to avoid that you make it other equipments damaged by generation of heat.

[8000]

[Means for Solving the Problem] The special pattern display which indicates by halt the special pattern which this invention started pattern change ignited by the game medium having passed through the predetermined starting field, and was decided after the predetermined time, It has the special electric accessory to which opening of the large winning—a—prize mouth is carried out when the special pattern this special pattern display indicates [a pattern] by halt turns into a predetermined great success pattern. inside the large winning—a—prize mouth of the above—mentioned special electric accessory While the general field which generates the opportunity of prize medium expenditure, and the specific field which generates the operation opportunity of an accessory continuation starting device which holds this large winning—a—prize mouth in the opening state continuously in addition to prize medium expenditure are prepared It holds in the easy state. until a game medium

passes through the above-mentioned specific field — the above-mentioned specific field — a game medium — passage — In the game machine with which the means for switching which hold the predetermined period above-mentioned specification field in the state with a game medium difficult to pass after a game medium passes through the above-mentioned specific field were prepared It is made to shift to a state with difficult passage from an easy state, the above-mentioned means for switching have a solenoid, and energize this solenoid — the above-mentioned specific field — a game medium — passage — After [this solenoid] un-energizing after energization, it constitutes so that the above-mentioned specific field may be held in the state with a game medium difficult to pass.

[0009] The common pattern display which the above-mentioned game machine started pattern change ignited by the thing predetermined in a game medium usually passed through the pattern operation gate, and was decided after the predetermined time and which usually indicates the pattern by halt, Usually, when it becomes this hit pattern usually predetermined in a pattern in which pattern display indicates by halt, you may have the common electric accessory changed into the state where a game medium tends to pass through the above-mentioned starting field which generates the opportunity of pattern change of pattern display specially.

[0010] In the game machine of such composition, it is changed into states, such as opening of the game face of a board which pattern display usually started pattern change when the game medium usually passed through the pattern operation gate, and was decided after the predetermined time and which the pattern is usually indicated by halt, an electric accessory usually operates when [that / at which it indicated by halt] a pattern usually hits and it becomes a pattern, and a game medium tends to pass [a starting field], for example.

[0011] And if a game medium passes through a starting field, special pattern display will start pattern change, the special pattern decided after the predetermined time is indicated by halt, an electric accessory operates specially that the special pattern which indicated by halt is a great success pattern, and opening of the large winning—a-prize mouth is carried out.

[0012] the thing inside a large winning—a—prize mouth for which un—energizing a solenoid is specially supposed until a large winning—a—prize mouth carries out opening of the field and a game medium passes through a field specially — game medium passage, if it is held at an easy state, a large winning—a—prize mouth carries out opening and a game medium passes through a field specially Again after [by energizing a solenoid / a solenoid] means's for switching operating, shifting to a state with difficult game medium passage and un—energizing, it is held at a state with the difficult passage.

[0013] in this way — until a game medium passes through a specific field — passage — it holds in the easy state, and after a game medium passes, it can hold in the state with difficult predetermined period (period until one round until predetermined time passes or ten game spheres win a prize of large winning—a—prize mouth, after

opening of large winning—a—prize mouth is carried out for example, is completed) passage And since the drive solenoid of the means for switching changed into a state with difficult passage after a game medium passes through the specific field can operate means for switching by one energization, can be changed into a state with difficult passage of a specific field and can hold a state with the passage difficult also as un—energizing after that, the life of the solenoid itself can become short by prolonged drive, or it can avoid the problem of damaging other equipments by generation of heat.

[0014] The above-mentioned game machine by this invention more specifically For example, it has the special field cover member which can move freely between the position where it has the opening-and-closing member to which the above-mentioned special electric accessory opens and closes a large winning-a-prize mouth, and the above-mentioned means for switching carry out opening of the above-mentioned specific field, and the positions which take up this specific field. this special field cover member — the above-mentioned opening and closing — the position which carries out opening of the above-mentioned specific field by embarrassment operation of a member — moving — the above-mentioned opening and closing — it is good by energizing the above-mentioned solenoid in the opening state of a member to constitute so that it may move to the position which takes up the above-mentioned specific field

[0015] In this case, shortly after a game medium passes through a specific field, by energizing a solenoid, it moves to the position where a field cover member takes up a specific field specially, and a field cover member is specially held also considering a solenoid as a state where it does not energize, after that in the position. and — if one round finishes and an opening—and—closing member closes — opening and closing — it moves to the position where embarrassment operation of a member is interlocked with and a field cover member carries out opening of the specific field specially After an opening—and—closing member opens next time at the time of large winning—a—prize mouth opening, a field cover member is held in this position, and passage of the game medium to a specific field is extraordinarily possible for it.

[0016] Moreover, with this composition, in order not to connect a specific field cover member and a solenoid, the work which removes a solenoid in the cases, such as maintenance and reuse, becomes easy.

[0017]

[Embodiments of the Invention] Hereafter, it explains based on the drawing of the gestalt of operation of this invention.

[0018] Drawing 1 – drawing 4 show an example of the gestalt of operation of this invention applied to the one-sort pachinko machine. It is drawing of longitudinal section in which drawing 1's showing the internal structure of the special electric accessory in the face-of-a-board view of the game machine of an example of the gestalt of operation, and showing drawing 2 in the state at the time of large winning-a-prize mouth embarrassment. Moreover, drawing 3 is drawing of longitudinal section

(a) and the decomposition perspective diagram (b) at the time of specific field opening showing the operating state of an electric accessory specially, and drawing 4 is drawing of longitudinal section (a) and the decomposition perspective diagram (b) at the time of specific field embarrassment showing the operating state of an electric accessory specially.

[0019] In drawing 1, 1 is the game board, the game field 3 is demarcated by the face of a board with a rail 2, and the pattern display 4 is specially formed in the center of abbreviation of this game field 3. And the common pattern display 5 which consists of three Light Emitting Diode lamps of a horizontal single tier, the common pattern starting storage display lamp 6 which it put in order two right and left at a time up and down, and the heavens winning—a—prize mouth 7 are arranged specially at the upper part of the pattern display 4.

[0020] Moreover, the common electric accessory 9 specially equipped with the 1st-sort starting mouth 8 under the pattern display 4 is formed, the special electric accessory 11 equipped with the large winning-a-prize mouth 10 further caudad is arranged, and the pattern starting storage display lamp 12 is specially formed two right and left at a time in the lower part of this special electric accessory 11, and the lower left winning-a-prize mouth 13 and the lower right winning-a-prize mouth 14 are formed in the method of left right-hand side.

[0021] Moreover, the pattern operation left gate 15 and the common pattern operation right gate 16 are usually arranged specially at the method of left right-hand side of the pattern display 4, and the **** winning-a-prize mouth 17 and the **** winning-a-prize mouth 18 are arranged at the method of left right-hand side of the 1st-sort starting mouth 8.

[0022] Usually, a Light Emitting Diode lamp on either side is red, and the pattern display 5 has a central green Light Emitting Diode lamp.

[0023] The pattern display 4 has three pattern viewing areas, a right figure handle viewing area, a left figure handle viewing area, and an inside pattern viewing area, displays ten kinds of numbers from 0 to 9 on these three fields respectively, for example, and displays a pattern specially with the combination of these numbers. [0024] The electric accessory 11 is specially equipped with large winning-a-prize **** 19 which opens and closes the large winning-a-prize mouth 10. Door material of two upper and lower sides by which this large winning-a-prize **** 19 was connected mutually free [rotation] 19a, Consist of 19b and lower door material 19b is supported by the entrance lower part of the large winning-a-prize mouth 10 free [order rotation]. Up door material 19a is stopped free [a vertical slide on entrance-side section both sides of the large winning-a-prize mouth 10]. An opening-and-closing drive is carried out by the solenoid (not shown), as the up-anddown door material 19a and 19b shows drawing 2 at the time of embarrassment, it starts in an abbreviation straight line and the large winning-a-prize mouth 10 is closed, as the up-and-down door material 19a and 19b shows drawing 3 at the time of opening, it inclines ahead in the state of accordion-fold, and the large winning-a-

prize mouth 10 is opened.

[0025] Large winning—a—prize **** 19 is constituted so that the superficies of upper door material 19a may carry out a downward inclination from the front a little to back towards the large winning—a—prize mouth 10 inside as a slideway of a game sphere at the time of large winning—a—prize mouth 10 opening, as shown in drawing 3 (a) and (b). Moreover, the superficies used as the slideway are made into the configuration which guides the game sphere which carried out the downward inclination towards the center of the cross direction of the large winning—a—prize mouth 10 from right—and—left both sides at the time of large winning—a—prize mouth 10 opening, and won a prize of the large winning—a—prize mouth 10 in the center of a posterior part. The guided game spheres are collected in the center of the cross direction of the outside posterior part, and the slot 20 is formed in it so that it may be made to fall from the center of the posterior part cross direction of the large winning—a—prize mouth 10.

[0026] moreover, specific field cover of the shape of an abbreviation rectangle shutter extraordinarily long forward and backward inside the electric accessory 11 — the member 21 is arranged this specific field cover — the rectangular opening 22 is formed in the center, **** Itabe 23 is formed in a front end side, and mountain type the cover and the interior 24 of a proposal which inclines at a back end side in the front and the three way type of right—and—left both sides by making the back end position of the center of the cross direction into the peak are formed in a member 21, and the push rod sections 25 are formed successively at the nose of cam inside [24] cover and a proposal this specific field cover — a member 21 is supported by the guide section specially prepared in the electric accessory main part case, is in the crosswise central lower part of the large winning—a—prize mouth 10, and can move the lower part of the slot 20 of upper door material 19a forward and backward

[0027] and specific field cover — the back of a member 21 — specific field cover — a member — the solenoid 26 for 21 drive is arranged As this solenoid 26 has the plunger 27 which elongates to the front and is contracted by energization cut by energizing and it is shown in drawing 2, at the time of embarrassment of large winning—a—prize **** 19 a solenoid 26 — un—energizing — a plunger 27 — contracting — the head of the contracted plunger 27 — specific field cover — the push rod section 25 of a member 21 — contacting — specific field cover — **** Itabe 23 holds a member 21 in the **************** state at lower door material 19b of large winning—a—prize **** 19 this time — specific field cover — the opening 22 of a member 21 is in a full open state, as shown in drawing 2

[0028] the interior of the large winning-a-prize mouth 10 — the above-mentioned specific field cover — the field divided by the opening 22 of a member 21 is made into a sp cific field, and let the right-and-left both sid s be general fields A g neral field is a field which generates the opportunity of awarded-balls expenditure, and a specific field is a field which generates the operation opportunity of an accessory

continuation starting device (not shown) which holds the large winning—a-prize mouth 10 in the opening state continuously in addition to awarded-balls expenditure. [0029] a plunger 27 is shown in drawing 3 (a) and (b), contracted until a solenoid 26 will be energized, if large winning—a-prize **** 19 carries out opening — as — specific field cover — a member 21 maintains the position of full open of opening 22 A game sphere can pass through a specific field at this time.

[0030] moreover, if large winning—a—prize **** 19 energizes a solenoid 26 where opening is carried out, a plunger 27 will develop and it will push on a plunger 27—having — specific field cover — lower door material 19b of large winning—a—prize **** 19 which the member 21 moved forward, inclined ahead in the state of accordion—fold, and carried out opening — **** Itabe 23 — ***** slack as shown in drawing 4 (a) and (b), after [and] the energization to a solenoid 26 is cut and a plunger 27 contracts — specific field cover — a member 21 maintains an advance position as it is this time — specific field cover — the opening 22 of a member 21 is plugged up by the half In this state, a game sphere cannot pass through a specific field, but will be guided at the method of left right—hand side, and will pass through a general field.

[0031] This game machine can gain per winning-a-prize sphere (for example, 15 game spheres), when a game sphere flows into the large winning-a-prize mouth 10 (winning a prize), and when a prize of the other winning-a-prize mouth (the 1st-sort starting mouth 8 is included) is won, it can gain five game spheres.

[0032] moreover, a game sphere — usually — the pattern operation left gate 15 — or if it usually passes through the pattern operation right gate 16, it will usually be displayed with the pattern display 5 by making the passage into an operation opportunity — pattern change was stopped and decided, when the pattern usually started change (red and green mutual lighting) in 2 of a red pattern and a green pattern patterns and the predetermined stop time (for example, 30 seconds) passed — a halt indication of the pattern is usually given

[0033] And when [at which it decided] a pattern usually displays a red pattern, it becomes a hit, and by indicating combination of the pattern concerned an operation opportunity, the electric accessory 9 usually operates and the 1st-sort starting mouth 8 carries out predetermined-time (for example, 0.5 seconds) extension.
[0034] Moreover, if a game sphere wins a prize of the 1st-sort starting mouth 8, the pattern display 4 starts pattern change specially, the special pattern decided after the predetermined time (for example, an average of about 10 seconds) is indicated by halt, the solenoid for the door drive of the electric accessory 11 will operate specially that the special pattern which indicated by halt is a great success pattern, an open drive will be carried out in large winning-a-prize **** 19, and opening of the large winning-a-prize mouth 10 will be carried out.

[0035] the interior of the large winning-a-prize mouth 10 -- above -- specific field cover -- the field divided by the op ning 22 of a member 21 In addition to awarded-balls expenditure, it considers as the specific field which generates the operation

opportunity of an accessory continuation starting device which holds this large winning-a-prize mouth 10 in the opening state continuously. the right-and-left both sides consider as the general field which generates the opportunity of awarded-balls expenditure -- having -- **** -- the time of embarrassment of the large winninga-prize mouth 10 (at the time of embarrassment of large winning-a-prize **** 19) -- specific field cover -- the member 21 is held in the specific field at the state where a game sphere can be passed (drawing 2) and when large winning-a-prize **** 19 opens and the large winning-a-prize mouth 10 carries out opening, beginning specially, a plunger 27 contracts by un-energizing and the solenoid 26 for a cover means drive shows the interior of the electric accessory 11 to drawing 3 (a) and (b) -- as -- specific field cover -- it is in a retreat position, opening 22 is opened fully, and a member 21 is still in the state in the state where a game sphere can pass through a specific field at this time, it shows the game sphere which won a prize of the large winning-a-prize mouth 10 to the slot 20 formed in upper door material 19a of large winning-a-prize **** 19 -- having -- the specific field cover from this slot 20 -- it is led to the specific field divided by the opening 22 of a member 21

[0036] In this way, if a game sphere passes through a specific field, a solenoid 26 will be in an energization state and a plunger 27 will elongate it. and it presses to the plunger 27 -- having -- specific field cover -- a member 21 moves forward, per **** and opening 22 are plugged up by lower door material 19b of large winning-aprize **** 19 by the half, and **** Itabe 23 moves it to the position which cannot pass a game sphere and it is shown in drawing 4 (a) and (b), a solenoid 26 being immediately used as the state where it does not energize -- as -- a plunger 27 -contracting -- standing by -- specific field cover -- a member 21 is held as it is in an advance position At this time, the game sphere which won a prize of the large winning-a-prize mouth 10 cannot pass through a specific field, but a game sphere will be led to the general field located in the method of left right-hand side. [0037] In this way, a specific field [whether after it is held at the state which can be passed, a game medium passes until a game medium passes and opening of the large winning-a-prize mouth is carried out, a predetermined time passes, and] Or a period until one round until ten game spheres win a prize of a large winning-a-prize mouth is completed is changed into the state which cannot be passed, and the game sphere which won a prize of the large winning-a-prize mouth 10 is led to a general field. and if predetermined-time progress is carried out or ten winning a prize is detected, large winning-a-prize **** 19 will be embarrassed, and it will push on the embarrassed large winning-a-prize **** 19 -- having -- specific field cover -- a member 21 returns to the original specific field opening position shown in drawing 2 [0038] As mentioned above, although the example of illustration was explained as a gestalt of operation, this invention is not limited to this, and can change and carry out a mode suitably in the range of the technical thought of invention. [0039] Moreover, as for this invention, it is needless to say that it is not limited to a

pachinko machine and can apply to other game machines, such as a slot machine. [0040]

[Effect of the Invention] According to this invention, it has the general field which generates the opportunity of prize medium expenditure, and the specific field which generates the operation opportunity of an accessory continuation starting device which holds a large winning—a—prize mouth in the open state continuously in addition to prize medium expenditure so that clearly from the above explanation. until a game medium passes through a specific field — a specific field — a game medium — passage, after it holds in the easy state and a game medium passes through a specific field Since the resistance welding time of the solenoid for taking up a specific field can be shortened in the game machine equipped with the special electric accessory which holds a predetermined period specification field in the state with a game medium difficult to pass by means for switching and it can avoid becoming a prolonged drive, While being able to lengthen the life of the solenoid itself, it is avoidable that you make it other equipments damaged by generation of heat.

[0041] Moreover, it can consider as the composition which does not connect a specific field cover member and a solenoid, and the work which removes a solenoid in the cases, such as maintenance and reuse, becomes easy.

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

- 1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the face-of-a-board view of the game machine of an example of the gestalt of operation.

[Drawing 2] It is drawing of longitudinal section showing the internal structure of an electric accessory specially in the state at the time of large winning—a—prize mouth embarrassment.

[Drawing 3] It is drawing of longitudinal section (a) and the decomposition

perspective diagram (b) at the time of specific field opening showing the operating state of an electric accessory specially.

[Drawing 4] It is drawing of longitudinal section (a) and the decomposition perspective diagram (b) at the time of specific field embarrassment showing the operating state of an electric accessory specially.

[Description of Notations]

- 4 It is Pattern Display Specially.
- 8 1st-Sort Starting Mouth
- 9 It is Usually Electric Accessory.
- 10 Large Winning-a-Prize Mouth
- 11 It is Electric Accessory Specially.
- 19 Large Winning-a-Prize **** (Opening-and-Closing Member)
- 20 Slot
- 21 Specific Field Cover Member
- 22 Opening (Specific Field)
- 26 Solenoid

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

- 1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DRAWINGS

